



## REISSUE DECLARATION AND POWER OF ATTORNEY

☒ Original ☐ Supplemental ☐ Substitute ☐ PCT ☐ DESIGN

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Title: COMMUNICATION SYSTEM

of which is described and claimed in:

- ☐ the attached specification, or  
☐ the specification in application Serial No. \_\_\_\_, filed \_\_\_\_, and with amendments through (if applicable),  
☐ the specification in International Application No. \_\_\_\_, filed \_\_\_\_, and as amended on \_\_\_\_ (if applicable), or  
☒ letters patent number 5,600,672 granted on February 4, 1997 and in the attached specification for which I solicit a reissue patent.

I hereby state that I have reviewed and understand the content of the above-identified specification, including the claims, as amended by any amendment(s) referred to above.

I acknowledge my duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim priority benefits under Title 35, United States Code, §119 (and §172 if this application is for a Design) of any application(s) for patent or inventor's certificate listed below and have also identified below any application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NO.	DATE OF FILING	PRIORITY CLAIMED
Japan	3-62798	March 27, 1991	Yes
Japan	3-95813	April 25, 1991	Yes
Japan	3-155650	May 29, 1991	Yes
Japan	3-182236	July 23, 1991	Yes
Japan	4-60739	March 17, 1992	Yes
Japan	5-132984	May 10, 1993	Yes
Japan	5-261612	September 24, 1993	Yes
Japan	5-349972	December 27, 1993	Yes
Japan	6-79668	March 24, 1994	Yes

I verily believe that the above original patent is partly inoperative by reason of claiming more or less than I had a right to claim.

A Statement of at least One Error

The original patent claims claim more or less than I had a right to claim. For example, the claims do not recite a shifter operable to shift the signal points of a received signal to other positions in a signal space such that the signal points are distinguishable from one another by a first set of thresholds and such that signal point groups are distinguishable from one another by a second set of thresholds, and that the apparatus is operable to transmit information necessary for determining the first and second sets of thresholds.

All errors being corrected in this reissue application up to the time of filing of the present declaration arose without any deceptive intention on my part or on my behalf.

I hereby claim the benefit under Title 35, United States Code §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NO.	U.S. FILING DATE	STATUS: PATENTED, PENDING, ABANDONED
07/857,627	March 25, 1992	ABANDONED
09/244,037	February 4, 1999	PENDING

And I hereby appoint Michael R. Davis, Reg. No. 25,134; Matthew M. Jacob, Reg. No. 25,154; Jeffrey Noltan, Reg. No. 25,408; Warren M. Cheek, Jr., Reg. No. 33,367; Nils Pedersen, Reg. No. 33,145; and Charles R. Watts, Reg. No. 33,142, who together constitute the firm of WENDEROTH, LIND & PONACK, L.L.P., jointly and severally, attorneys to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith.

I hereby authorize the U.S. attorneys named herein to accept and follow instructions from AOYAMA & PARTNERS as to any action to be taken in the U.S. Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and myself. In the event of a change in the persons from whom instructions may be taken, the U.S. attorneys named herein will be so notified by me.

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<b>Full Name of First Inventor</b>	<b>FAMILY NAME</b> OSHIMA	<b>FIRST GIVEN NAME</b> Mitsuaki	<b>SECOND GIVEN NAME</b>
<b>Residence &amp; Citizenship</b>	<b>CITY</b> Kyoto-shi	<b>STATE OR COUNTRY</b> Japan	<b>COUNTRY OF CITIZENSHIP</b> Japan
<b>Post Office Address</b>	<b>ADDRESS</b> Matsushita Electric Industrial Co., Ltd., 1006, Kadoma, Osaka	<b>CITY</b> 8501	<b>STATE OR COUNTRY</b> Japan <b>ZIP CODE</b> 571-
<b>Full Name of Second Inventor</b>	<b>FAMILY NAME</b> SAKASHITA	<b>FIRST GIVEN NAME</b> Seiji	<b>SECOND GIVEN NAME</b>
<b>Residence &amp; Citizenship</b>	<b>CITY</b> Osaka	<b>STATE OR COUNTRY</b> Japan	<b>COUNTRY OF CITIZENSHIP</b> Japan
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<b>Full Name of Third Inventor</b>	<b>FAMILY NAME</b>	<b>FIRST GIVEN NAME</b>	<b>SECOND GIVEN NAME</b>
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<b>Full Name of Fifth Inventor</b>	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
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I further declare that all statements made herein of my own knowledge are true, and that all statements on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

1st Inventor Mitsuaki Oshima Date October 30, 2000  
Mitsuaki OSHIMA  
2nd Inventor Seiji Sakashita Date October 30, 2000  
Seiji SAKASHITA  
3rd Inventor \_\_\_\_\_ Date \_\_\_\_\_  
4th Inventor \_\_\_\_\_ Date \_\_\_\_\_  
5th Inventor \_\_\_\_\_ Date \_\_\_\_\_  
6th Inventor \_\_\_\_\_ Date \_\_\_\_\_

The above application may be more particularly identified as follows:

U.S. Application Serial No. \_\_\_\_\_ Filing Date October 12, 2000

Applicant Reference Number 531947 MaI Atty Docket No. 2000 1422

Title of Invention COMMUNICATION SYSTEM

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2nd Inventor \_\_\_\_\_ Date \_\_\_\_\_  
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3rd Inventor \_\_\_\_\_ Date \_\_\_\_\_  
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